

10/58 7024
2/25/09

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077660 A3

(51) International Patent Classification⁷: **B41J 3/39**,
3/36, B41K 1/40, B41J 3/28

(74) Agent: CIPRIANI, Guido; C & C Brevetti e Marchi s.r.l.,
Via Prisciano, 28, I-00136 Roma (IT).

(21) International Application Number:
PCT/IT2005/000074

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(22) International Filing Date: 15 February 2005 (15.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
RM2004A000083 16 February 2004 (16.02.2004) IT

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

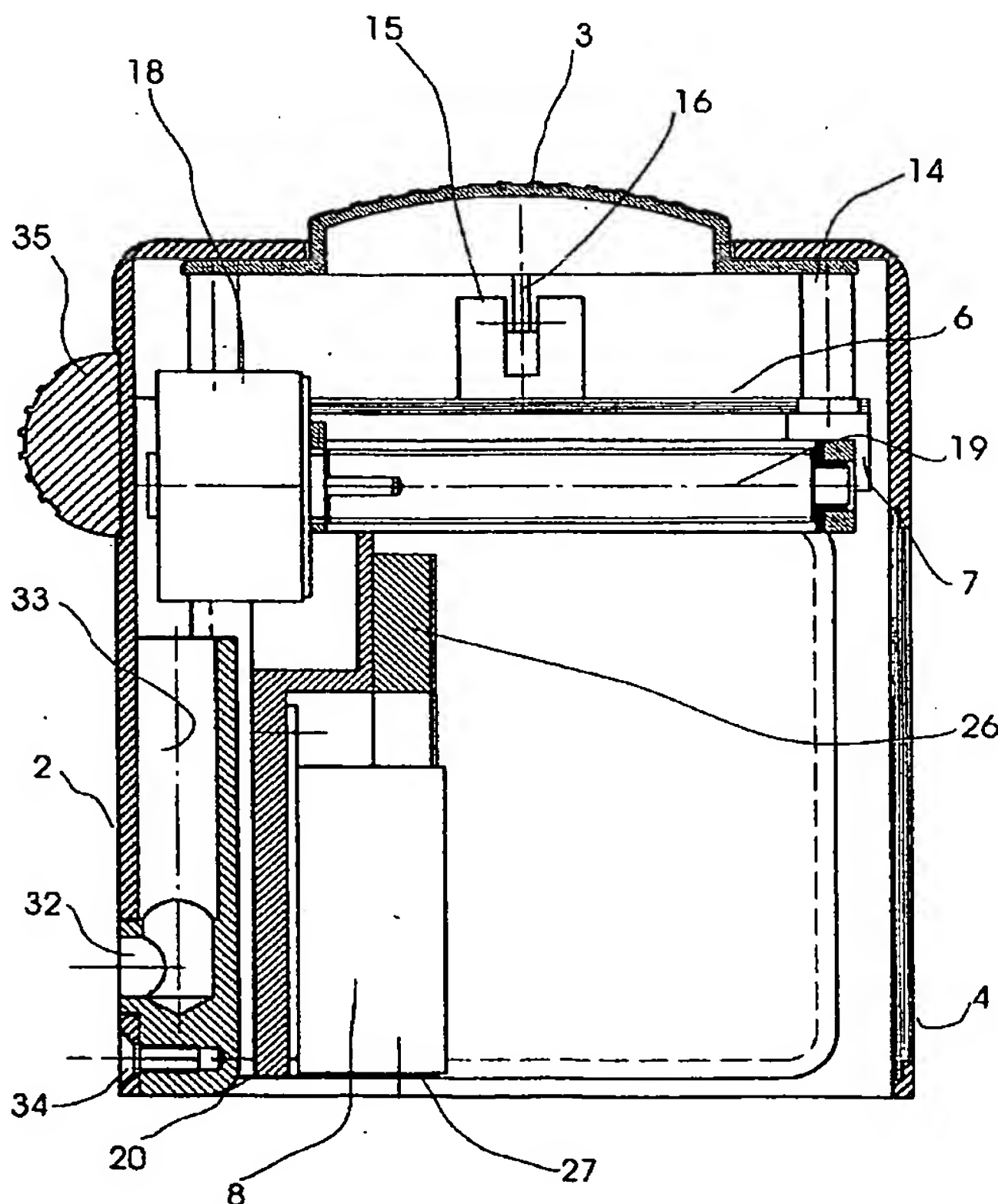
(71) Applicant (for all designated States except US): ALGO-
TECH SISTEMI S.R.L. [IT/IT]; Via Appia Nuova, 59,
I-00183 Roma (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): TOPANI, Fabio
[IT/IT]; Via Ildebrando Vivanti, 12, I-00144 Roma (IT).

[Continued on next page]

(54) Title: SEMIAUTOMATIC ELECTRONIC PRINTER



(57) Abstract: A semiautomatic electronic printer comprises a housing (2) and, internally, a print head (8). A push-button (3), projecting upwards from the housing (2), is rigidly connected to a frame (7), which is mounted in a spring-charged relationship inside the housing (2) in such a manner to be vertically movable between a rest position and a working one. The frame (7) sustains in the upper part a printed circuit board including a microprocessor for acquiring from a separate computer data that have to be printed, and for storing such data, as well as for controlling the operation of the print head (8), supported by a carriage (20), with its inferior part being brought to touch the medium to be printed when the push-button is pushed downwards and to translate horizontally after the printing of a line of dots until a desired imaging made of a dot matrix has been printed on the all printing surface.

WO 2005/077660 A3



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

(88) Date of publication of the international search report:

22 September 2005

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.